L1 L2 L3	FILE	'REGISTRY' ENTERED AT 16:12:04 ON 22 OCT 2010 STRUCTURE UPLOADED 0 S L1 3 S L1 SSS FULL
L4	FILE	'HCAPLUS' ENTERED AT 16:12:49 ON 22 OCT 2010 3 S L3
L5 L6 L7	FILE	'REGISTRY' ENTERED AT 16:32:25 ON 22 OCT 2010 STRUCTURE UPLOADED 0 S L5 5 S L5 SSS FULL
L8	FILE	'HCAPLUS' ENTERED AT 16:33:34 ON 22 OCT 2010 4 S L7

=> file reg
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION
0.22 0.22

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STRUCTURE FILE UPDATES: 21 OCT 2010 HIGHEST RN 1246809-78-8 DICTIONARY FILE UPDATES: 21 OCT 2010 HIGHEST RN 1246809-78-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

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Uploading C:\Program Files\STNEXP\Queries\10546132left.str

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ring bonds :
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39 - 40
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SAMPLE SEARCH INITIATED 16:12:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 442 TO ITERATE
100.0% PROCESSED 442 ITERATIONS
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SEARCH TIME: 00.00.01
FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                       BATCH **COMPLETE**
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PROJECTED ITERATIONS: 7579 TO 10101 PROJECTED ANSWERS: 0 TO 0

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=> d 11

L1 HAS NO ANSWERS

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss full

FULL SEARCH INITIATED 16:12:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8843 TO ITERATE

100.0% PROCESSED 8843 ITERATIONS SEARCH TIME: 00.00.01

3 ANSWERS

L3 3 SEA SSS FUL L1

=> d 13 scan

L3 3 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN α -D-Glucopyranose, 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) 1-(2,2,2-trichloroethanimidate)

MF C44 H78 C13 N2 O10 P

Absolute stereochemistry.

Double bond geometry as shown.

Me (CH₂) 5
$$\underline{Z}$$
 (CH₂) 9 $\overset{\text{H}}{\underset{\text{N}}{\text{NH}}}$ $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe $\overset{\text{NH}}{\underset{\text{R}}{\text{NH}}}$ OMe

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L3 3 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN α -D-Glucopyranoside, (1Z)-1-propen-1-yl 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]-

MF C39 H73 N O7

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\underline{Z}$$
 (CH₂) 9 \underline{R} \underline{R}

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 3 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN α -D-Glucopyranoside, (1Z)-1-propen-1-yl

 $2-\text{deoxy}-3-0-[(3R)-3-\text{methoxydecyl}]-6-0-\text{methyl}-2-[[(11Z)-1-\text{oxo}-11-\text{octadecen}-1-yl]amino}]-$, 4-(di-2-propen-1-yl] phosphate)

MF C45 H82 N O10 P

Absolute stereochemistry. Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file hcaplus
COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 191.54 191.76

FILE 'HCAPLUS' ENTERED AT 16:12:49 ON 22 OCT 2010 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 22 Oct 2010 VOL 153 ISS 18

FILE LAST UPDATED: 21 Oct 2010 (20101021/ED)

REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010

USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2010.

CAS Information Use Policies apply and are available at:

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 13

L4 3 L3

=> d 14 1-3 ti abs bib hitstr

- L4 ANSWER 1 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN
- ${\tt TI}$ Sodium salt of glucosamine disaccharide compound, method for producing the same, and use of the same

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB There are disclosed a sodium salt represented by the average formula (I; m1, n1, m2 and n2 independently represent 0 or a pos. number not more than 2, while satisfying m1 + n1 = 2, m2 + n2 = 2, 0 < m1 + m2 < 4 and 0 < n1 + n2 < 4.) and a method for producing such a sodium salt. There is also a decomposition suppressing method which enables to have a sodium salt represented by the average formula I coexistent with a sodium salt represented by the general formula II below. This method enables to improve long-term stability of a sodium salt represented by the general formula II which is effective for the prevention and/or treatment of septicemia caused by gram pos. bacteria, in particular endotoxin shock. Thus, a DEAE column main fraction containing 6.0 g disaccharide free acid (III) (preparation given) and

weight% Na and 942.8 L MeOH were stirred in a 4 L flask at 25°, treated with 0.2 N NaOH/MeOH solution (15.2 mL), stirred overnight, filtered, and treated dropwise with 270 mL acetone at 25°. The precipitate was removed by filtration and dried in vacuo to give III.3.67 Na. When III.3.67 Na was stored in a screw-cap bottle at 25° for 30 days, impurities A, B, and C were formed at a rate of 0.072, 0.267, and 0.072 %/mo, resp., vs. 0.729. 3.117, and 0.033 %/mo, resp., for III.4.06Na.

AN 2008:636616 HCAPLUS <<LOGINID::20101022>>

DN 149:10241

4.80

TI Sodium salt of glucosamine disaccharide compound, method for producing the same, and use of the same

IN Sakurai, Shin; Furukawa, Ken; Matsuo, Kimihiro; Tagami, Kenichi

PA Eisai R & D Management Co., Ltd., Japan

SO PCT Int. Appl., 46 pp. CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

PATENT NO. KIND DATE APPLICATION NO. DATE

-----PI WO 2008062842 A1 20080529 WO 2007-JP72579 20071121

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     WO 2007-JP72579
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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
     748165-18-6P
                    748165-20-0P
     RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
     preparation); PREP (Preparation); RACT (Reactant or reagent)
        (intermediate; preparation of sodium salt of glucosamine disaccharide
compound
        with storage stability, method for producing it, and its use for
        prevention and/or treatment of endotoxin shock)
     748165-18-6 HCAPLUS
RN
CN
     \alpha-D-Glucopyranoside, (1Z)-1-propen-1-yl
     2-\text{deoxy}-3-0-[(3R)-3-\text{methoxydecyl}]-6-0-\text{methyl}-2-[[(11Z)-1-\text{oxo}-11-\text{octadecen}-
     1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) (CA INDEX NAME)
```

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\overline{Z}$$
 (CH₂) 9 \overline{R} \overline{R}

RN 748165-20-0 HCAPLUS CN α -D-Glucopyranose, 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) 1-(2,2,2-trichloroethanimidate) (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

IT 748165-17-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(preparation of sodium salt of glucosamine disaccharide compound with storage $% \left(1\right) =\left(1\right) +\left(1$

stability, method for producing it, and its use for prevention and/or treatment of endotoxin shock)

RN 748165-17-5 HCAPLUS

CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl

2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

Me (CH₂) 5
$$\underline{z}$$
 (CH₂) 9 \underline{R} \underline{R}

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Process for production of lipid A analogue

GΙ

There is disclosed a process for producing AΒ 3-0-decy1-2-deoxy-6-0-[2-deoxy-3-0-[(3R)-3-methoxydecy1]-6-0-methy1-2- $\begin{tabular}{ll} [(112)-1-oxo-11-octadecenyl] amino]-4-O-phosphono-\beta-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-4-O-phosphono-\beta-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-4-O-phosphono-\beta-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-4-O-phosphono-\beta-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-4-O-phosphono-β-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-4-O-phosphono-β-D-glucopyranosyl]-1-oxo-11-octadecenyl] amino]-1-oxo-11-octadecenyl] amino]-1-oxo-11-oxo-11-octadecenyl] amino]-1-oxo-11-octadecenyl] amino]-1-oxo-11-oxo-11-octadecenyl] amino]-1-oxo-11-ox$ $2-[(1,3-dioxotetradecyl)amino]-\alpha-D-glucopyranose 1-(dihydrogen)$ phosphate) (known as eritoran) tetrasodium salt (I; R = PO3Na2) which is useful as an active ingredient of a pharmaceutical or an intermediate for the synthesis thereof. A process for producing the compound I (R = PO3Na2) comprises the key steps of reacting a compound represented by the formula I [R = P(0) (OCH2CH:CH2)2] with a palladium catalyst in the presence of a nucleophilic agent (deallylation) and treating the product with a sodium source (sodium salt formation). This process is environment-friendly and excellent in safety, operationability, and reproducibility. Thus, a solution of 101.6 g I [R = P(0) (OCH2CH:CH2)2] in 203 mL THF was added to a mixture of Meldrum's acid 70.49, palladium acetate 2.93, and PPh3 51.3 g and the resulting mixture was stirred at 32° for 2 h and at 30° for 4 h, treated with 250 mL MeOH, and concentrated under reduced pressure to give a residue (466.7 g). The residue was dissolved in 4,570 mL MeOH at 40° , treated with 5.55 g trimercaptotriazine, stirred overnight at room temperature, and filtered to remove the precipitated

Ι

trimercaptotriazine-palladium

complex, followed by washing the precipitate with MeOH to give a combined filtrate (4,330 g). The filtrate (3,908.2 mL) was concentrated under reduced pressure to give a residue (440.9 g) which was treated with 450 mL acetone, concentrated under reduced pressure, treated again with 450 mL acetone,

and concentrated under reduced pressure. The residue was refrigerated overnight, treated with 1,800 mL acetone, warmed to 40°, stirred for 1.5 h, air-cooled, stirred at $\geq 30^{\circ}$ for 1.5 h, and filtered to give, after washing with acetone and drying at $35-40^{\circ}$ under reduced pressure, 74.2% eritoran (free acid form) which was treated with 0.1 N aqueous NaOH solution to give eritoran tetrasodium salt.

2007:257680 HCAPLUS <<LOGINID::20101022>> ΑN

146:317153 DN

TIProcess for production of lipid A analogue

INTagami, Katsuya; Sato, Keizo; Matsuo, Kimihiro; Abe, Taichi; Haga, Toyokazu

PAEisai R & D Management Co., Ltd., Japan

PCT Int. Appl., 69pp.

CODEN: PIXXD2

DT Patent

LA Japanese

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
ΡI	WO 2007026675	A1	20070308	WO 2006-JP316941	20060829	

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
     CASREACT 146:317153
ΙT
     748165-18-6P
                     748165-20-0P
     RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic
     preparation); PREP (Preparation); RACT (Reactant or reagent)
        (process for production of lipid A analog (eritoran) via
        palladium-catalyzed deallylation of eritoran diallyl ester and
        formation of sodium salt)
RN
     748165-18-6 HCAPLUS
     \alpha-D-Glucopyranoside, (1Z)-1-propen-1-yl
CN
     2-\text{deoxy}-3-0-[(3R)-3-\text{methoxydecyl}]-6-0-\text{methyl}-2-[[(11Z)-1-\text{oxo}-11-\text{octadecen}-12-\text{methyl}]
     1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) (CA INDEX NAME)
```

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\overline{Z}$$
 (CH₂) 9 \overline{R} \overline{S} \overline{O} \overline{N} \overline{N}

RN 748165-20-0 HCAPLUS CN α -D-Glucopyranose, 2-deoxy-3-0-[(3R)-3-methoxydecyl]-6-0-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]-, 4-(di-2-propen-1-yl phosphate)

1-(2,2,2-trichloroethanimidate) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\overline{Z}$$
 (CH₂) 9 \overline{R} \overline{R}

IT 748165-17-5

RL: RCT (Reactant); RACT (Reactant or reagent) (process for production of lipid A analog (eritoran) via palladium-catalyzed deallylation of eritoran diallyl ester and formation of sodium salt)

RN 748165-17-5 HCAPLUS

CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\underline{Z}$$
 (CH₂) 9 \underline{R} \underline{R}

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Reagents and methods for preparing lipopolysaccharides antagonist B1287 and stereoisomers thereof for treatment of various forms of septic shock

GΙ

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* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *
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The present invention provides methods for preparing lipopolysaccharides AB (LPS) antagonist lipo-disaccharide B1287 and stereoisomers thereof, which compds. are useful as in the prophylactic and affirmative treatment of endotoxemia including sepsis, septicemia and various forms of septic shock (no biol. data). Also provided are synthetic intermediates useful for implementing the inventive methods. Thus, lipo-disaccharide B1287 I was prepared for treatment of various forms of septic shock.

2004:718552 HCAPLUS <<LOGINID::20101022>> ΑN

DN 141:225771

ΤI Reagents and methods for preparing lipopolysaccharides antagonist B1287 and stereoisomers thereof for treatment of various forms of septic shock

TNFan, Rulin

Eisai Co, Ltd., Japan PΑ

SO PCT Int. Appl., 175 pp. CODEN: PIXXD2

DT Patent

English LA

FAN.CNT 1

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ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
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CASREACT 141:225771; MARPAT 141:225771

ΙT 748165-17-5P 748165-18-6P 748165-20-0P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(reagents and methods for preparing lipopolysaccharides antagonist b and stereoisomers thereof for treatment of various forms of septic shock)

748165-17-5 HCAPLUS RN

CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl

2-deoxy-3-0-[(3R)-3-methoxydecyl]-6-0-methyl-2-[[(11Z)-1-oxo-11-octadecen-1]]1-yl]amino]- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\overline{Z}$$
 (CH₂) 9 \overline{R} \overline{R}

RN 748165-18-6 HCAPLUS CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2-[[(11Z)-1-oxo-11-octadecen-1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

RN 748165-20-0 HCAPLUS CN α -D-Glucopyranose, 2-deoxy-3-O-[(3R)-3-methoxydecyl]-6-O-methyl-2- [[(11Z)-1-oxo-11-octadecen-1-yl]amino]-, 4-(di-2-propen-1-yl phosphate) 1-(2,2,2-trichloroethanimidate) (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂) 5
$$\overline{Z}$$
 (CH₂) 9 \overline{R} \overline{R}

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)
RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> d his

(FILE 'HOME' ENTERED AT 16:11:50 ON 22 OCT 2010)

FILE 'REGISTRY' ENTERED AT 16:12:04 ON 22 OCT 2010

L1 STRUCTURE UPLOADED

L2 0 S L1

L3 3 S L1 SSS FULL

FILE 'HCAPLUS' ENTERED AT 16:12:49 ON 22 OCT 2010 L4 $$\rm 3\ S\ L3$$

=> log hold

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION FULL ESTIMATED COST 20.34 212.10 DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS) SINCE FILE TOTAL ENTRY SESSION CA SUBSCRIBER PRICE -2.55-2.55

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Connecting via Winsock to STN

Welcome to STN International! Enter x:X

LOGINID:SSPTAEX01623

PASSWORD:

* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * * * * SESSION RESUMED IN FILE 'HCAPLUS' AT 16:32:18 ON 22 OCT 2010

FILE 'HCAPLUS' ENTERED AT 16:32:18 ON 22 OCT 2010 COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	20.34	212.10
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.55	-2.55
=> file reg COST IN U.S. DOLLARS	SINCE FILE	TOTAL
COSI IN U.S. DOLLARS	ENTRY	SESSION
FULL ESTIMATED COST	20.34	212.10
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-2.55	-2.55

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STRUCTURE FILE UPDATES: 21 OCT 2010 HIGHEST RN 1246809-78-8 DICTIONARY FILE UPDATES: 21 OCT 2010 HIGHEST RN 1246809-78-8

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TSCA INFORMATION NOW CURRENT THROUGH June 26, 2010.

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http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\STNEXP\Queries\10546132right.str

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chain nodes :
7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27
28 29 30 31 32 33 34 35 36 37 38 39 46 47 48
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59 60 61 62 63 64 73 75 76 77 78 79 80 81 82 83 84
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ring nodes :
1 \quad \overset{.}{2} \quad 3 \quad 4 \quad 5 \quad 6 \quad 40 \quad 41 \quad 42 \quad 43 \quad 44 \quad 45 \quad 65 \quad 66 \quad 67 \quad 68 \quad 69 \quad 70 \quad 71 \quad 72 \quad 74 \quad 91
chain bonds :
1-11 2-10 3-7 5-9 7-8 8-22 9-36 10-21 11-12 12-13 13-14 14-15 15-16
16-17 \quad 17-18 \quad 18-19 \quad 19-20 \quad 23-24 \quad 23-94 \quad 24-25 \quad 24-26 \quad 26-27 \quad 27-28 \quad 27-39 \quad 28-29 \quad 28-2
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73-85
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76-77 77-78 78-79 79-80 80-81 81-82 82-83 83-84 85-86 86-87
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ring bonds:
1-2 1-6 2-3 3-4 4-5 5-6 40-41 40-45 41-42 42-43 43-44 44-45 65-66 65-70 66-67 66-74 67-68 67-71 68-69 69-70 71-72 72-91 74-91 exact/norm bonds:
1-2 1-6 1-11 2-3 2-10 3-4 4-5 5-6 5-9 9-36 23-24 23-94 24-25 27-39 40-41 40-45 40-50 41-42 41-49 42-43 43-44 44-45 44-48 48-62 65-66 65-70 65-75 66-67 66-74 67-68 67-71 68-69 69-70 69-73 71-72 72-91 73-85 74-91 exact bonds:
3-7 7-8 8-22 10-21 11-12 12-13 13-14 14-15 15-16 16-17 17-18 18-19 19-20 24-26 26-27 27-28 28-29 29-30 30-31 31-32 32-33 33-34 34-35 36-37 37-38 42-46 46-47 47-61 49-60 50-51 51-52 52-53 53-54 54-55 55-56 56-57 57-58 58-59 62-63 63-64 75-76 76-77 77-78 78-79 79-80 80-81 81-82 82-83 83-84 85-86 86-87

G1:[*1],[*2],[*3]

Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:CLASS 47:CLASS 48:CLASS 49:CLASS 50:CLASS 51:CLASS 52:CLASS 53:CLASS 54:CLASS 55:CLASS 56:CLASS 57:CLASS 58:CLASS 59:CLASS 60:CLASS 61:CLASS 62:CLASS 63:CLASS 64:CLASS 65:Atom 66:Atom 67:Atom 68:Atom 69:Atom 70:Atom 71:Atom 72:Atom 73:CLASS 74:Atom 75:CLASS 76:CLASS 77:CLASS 78:CLASS 79:CLASS 80:CLASS 81:CLASS

L5 STRUCTURE UPLOADED

=> s 15 SAMPLE SEARCH INITIATED 16:32:51 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 591 TO ITERATE

100.0% PROCESSED 591 ITERATIONS 0 ANSWERS SEARCH TIME: 00.00.01

82:CLASS 83:CLASS 84:CLASS 85:CLASS 86:CLASS 87:CLASS 91:Atom 94:CLASS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 10362 TO 13278
PROJECTED ANSWERS: 0 TO 0

L6 0 SEA SSS SAM L5

=> s 15 sss full FULL SEARCH INITIATED 16:33:18 FILE 'REGISTRY' FULL SCREEN SEARCH COMPLETED - 12449 TO ITERATE

100.0% PROCESSED 12449 ITERATIONS

5 ANSWERS

SEARCH TIME: 00.00.01

L7 5 SEA SSS FUL L5

=> d 17 scan

L7 5 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN β -D-Glucopyranoside, (1E)-1-propen-1-yl

3-O-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-deoxy-6-O-[(1,3

dioxotetradecyl)amino]-

MF C39 H75 N O7 Si

Absolute stereochemistry. Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L7 5 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN INDEX NAME NOT YET ASSIGNED

MF C36 H65 N O7

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L7 5 ANSWERS REGISTRY COPYRIGHT 2010 ACS on STN

IN α -D-Glucopyranoside, (1Z)-1-propen-1-yl 3-O-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-dioxotetradecyl)amino]-

MF C39 H75 N O7 Si

Absolute stereochemistry. Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

REGISTRY COPYRIGHT 2010 ACS on STN L7 5 ANSWERS

INDEX NAME NOT YET ASSIGNED IN

MFC36 H65 N O7

Absolute stereochemistry. Double bond geometry as shown.

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

REGISTRY COPYRIGHT 2010 ACS on STN L7 5 ANSWERS

IN

 $\alpha\text{-D-Glucopyranoside, (1Z)-1-propen-1-yl}$ 3-O-decyl-2-deoxy-2-[(1,3-dioxotetradecyl)amino]-

C33 H61 N O7 MF

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂)₁₀
$$\stackrel{\text{H}}{\underset{\text{N}}{\bigvee}}$$
 $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{\text{N}}{\overset{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N$

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> 0 0 IS NOT A RECOGNIZED COMMAND The previous command name entered was not r

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=> file hcaplus	CINOR RILE	m
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FULL ESTIMATED COST	192.03	404.13
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-2.55

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FILE LAST UPDATED: 21 Oct 2010 (20101021/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Aug 2010
USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Aug 2010

HCAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2010.

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s 17

L8 4 L7

=> d 18 1-4 ti abs bib hitstr

L8 ANSWER 1 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

TI Preparation of glucose lipid A analogs inhibiting macrophage activity

GΙ

AB Title compds. I [Q = -O-, alkylene, -O-alkylene, etc.; W = -O- or -NH-; when W is -NH-, R1 is alkanoyl, alkenoyl, alkynoyl. (wherein alkanoyl, alkenoyl and alkynoyl are optionally substituted with halo, hydroxy, oxo, etc.); each R1 (when W is -O-), R2, R3, and R4 is H, alkyl, alkenyl, etc. (wherein alkyl and alkenyl are optionally substituted with halo, hydroxy, oxo, etc.); R5 = H, halo, hydroxy, etc.] and their pharmacol. acceptable salts were prepared For example, phosphono $3\text{-O-decyl-}2\text{-deoxy-}6\text{-O-}[3\text{-O-}[(R)\text{-}3\text{-methoxydecyl}]\text{-}6\text{-O-methyl-}2\text{-O-}[(Z)\text{-}11\text{-}octadecenoyl}]\text{-}4\text{-O-phosphono-}\beta\text{-D-glucopyranosyl}]\text{-}2\text{-}(3\text{-}oxotetradecanoylamino})\text{-}\alpha\text{-D-glucopyranoside}$ (II) was prepared from 1,2:5,6-di-O-isopropylidene-α-D-glucofuranose in 18 steps. In human TNFα production inhibition assays, the IC50 value of compound II was 0.49 nM. Compds. I are claimed useful for the treatment of inflammation, autoimmune diseases, etc.

Τ

AN 2007:167289 HCAPLUS <<LOGINID::20101022>>

DN 146:252059

TI Preparation of glucose lipid A analogs inhibiting macrophage activity

IN Shiozaki, Masao; Shimozato, Ryuichi

PA Sankyo Co., Ltd., Japan

SO Jpn. Kokai Tokkyo Koho, 86pp.

CODEN: JKXXAF

DT Patent

LA Japanese

FAN.CNT 1

 0112 2				
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
 JP 2007039450 JP 2005-199518	A A	20070215 20050708	JP 2006-187298	20060707

OS MARPAT 146:252059

IT 859508-28-4P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of glucose lipid analogs for treatment of inflammation and

autoimmune diseases)

- RN 859508-28-4 HCAPLUS
- CN β -D-Glucopyranoside, (1E)-1-propen-1-yl 3-O-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-dioxotetradecyl)amino]- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

- L8 ANSWER 2 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN
- TI Syntheses of glucose-containing E5564 analogs and their LPS-antagonistic activities
- Lipid A analogs containing a glucose moiety on their non-reducing end were synthesized, and their LPS-antagonistic activities were measured. The inhibitory activities (IC50) on LPS-induced TNF α production of title aminodeoxy disaccharides toward human whole blood cells were 0.46-1.11 nM. Inhibitory doses (ID50) of these compds. on TNF α production induced by co-injection of galactosamine and LPS in C3H/HeN mice were measured. The ID50 values of these compds. were 0.20-1.08 and <0.2 mg/kg. Moreover, C3H/HeN mice preinjected with compds. were protected from lethality induced by co-injection of galactosamine and LPS. Out of eight mice preinjected with 1 mg/kg of title compds. five-eight mice were protected.
- AN 2005:1299295 HCAPLUS <<LOGINID::20101022>>
- DN 144:171174
- ${\tt TI}$ Syntheses of glucose-containing ${\tt E5564}$ analogs and their LPS-antagonistic activities
- AU Shiozaki, Masao; Doi, Hiromi; Tanaka, Daisuke; Shimozato, Takaichi; Kurakata, Shin-ichi
- CS Chemistry Department, Chemtech Labo, Inc., Hiromachi 1-2-58, Shinagawa-ku, Tokyo, 140-8710, Japan
- SO Tetrahedron (2005), Volume Date 2006, 62(1), 205-225 CODEN: TETRAB; ISSN: 0040-4020
- PB Elsevier B.V.
- DT Journal
- LA English
- OS CASREACT 144:171174
- IT 859508-28-4P
 - RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)
 - (syntheses of glucose-containing E5564 analogs and their LPS-antagonistic activities)
- RN 859508-28-4 HCAPLUS
- CN β -D-Glucopyranoside, (1E)-1-propen-1-yl 3-0-decyl-2-deoxy-6-0-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-dioxotetradecyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.

Double bond geometry as shown.

Me
$$\stackrel{E}{\longrightarrow}$$
 O $\stackrel{H}{\longrightarrow}$ R $\stackrel{R}{\longrightarrow}$ O $\stackrel{Bu-t}{\longrightarrow}$ Bu-t $\stackrel{Me}{\longrightarrow}$ Me $\stackrel{Me}{\longrightarrow}$ Me $\stackrel{Me}{\longrightarrow}$ Me $\stackrel{R}{\longrightarrow}$ Me $\stackrel{R}{\longrightarrow}$

OSC.G 6 THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD (6 CITINGS)
RE.CNT 25 THERE ARE 25 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 3 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN TI preparation of levulose glucoselipid A derivatives as $\text{TNF}\alpha$ production inhibitors GI

AB Title compds. I [Q = 0, etc.; W = 0, NH; R1 = (un)substituted alkanoyl,etc. with the proviso that if W = NH; R1 (with the proviso that if W = O), R2, R3, R4 = H, (un)sunstituted alkyl, etc.; R5 = H, halo, etc.] were prepared For example, phosphorylation of 4-O-(allyloxycarbonyl)-3-O-decyl-2-deoxy-6-O-[4-O-diallylphosphono-3-O-decyl-2-deoxy-6-O-d[(R)-3-methoxydecyl]-6-0-methyl-2-0-[(Z)-11-octadecenoyl]- β -Dglucopyranosyl]-2-(3-oxotetradecanoylamino)- α -D-glucopyranoside, e.g., prepared from $1,2:5,6-di-O-isopropylidene-\alpha-D-glucofuranose in$ 15 steps, with diallyl diisopropylphosphoramidate followed by deallylation using Pd(PPh3)4 afforded phosphono 3-0-decyl-2-deoxy-6-0-[3-0-[(R)-3-methoxydecyl]-6-0-methyl-2-0-[(Z)-11octadecenoyl]-4-0-phosphono- β -D-glucopyranosyl]-2-(3oxotetradecanoylamino)- α -D-glucopyranoside (II). In TNF α production inhibition assays, the IC50 value of compound II was 0.49 nM. Compds. I are claimed useful for the treatment of inflammation, septicemia, etc.

AN 2005:638895 HCAPLUS <<LOGINID::20101022>>

DN 143:153644

TI preparation of levulose glucoselipid A derivatives as $\text{TNF}\alpha$

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production inhibitors
ΤN
         Shiozaki, Masao; Shimozato, Takaichi
PΑ
         Sankyo Company, Limited, Japan
SO
         PCT Int. Appl., 156 pp.
         CODEN: PIXXD2
DT
         Patent
LA
         Japanese
FAN.CNT 1
                                             KIND DATE APPLICATION NO. DATE
         PATENT NO.
         WO 2005066193 A1 20050721 WO 2005-JP434 20050107
PΙ
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                         CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,
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                         LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI,
                         NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
                         TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
                 RW: BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW, AM,
                         AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK,
                         EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, MC, NL, PL, PT,
                         RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
                        MR, NE, SN, TD, TG
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EP 2005-703673
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         EP 1702926
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A 20070511
A 20060926
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         KR 2006121293
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                                                                                  US 2008-585640
                                                                                                                                 20080929
PRAI JP 2004-2902
                                                           20040108
                                               Α
         WO 2005-JP434
                                               W
                                                             20050107
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT
         MARPAT 143:153644
OS
         859508-28-4P
ΙT
         RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT
          (Reactant or reagent)
                (preparation of levulose glucoselipid A derivs. as TNFlpha production
               inhibitors for treatment of inflammation, septicemia, etc.)
RN
         859508-28-4 HCAPLUS
         \beta-D-Glucopyranoside, (1E)-1-propen-1-yl
CN
         3-O-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyl]-2-[(1,3-dimethylethyl)dimethylsilyldimethylsilyldimethylsilyldimethylsilyldimethyldimethyldimethyldimethylsilyldimethy
         dioxotetradecyl)amino] - (CA INDEX NAME)
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Absolute stereochemistry. Double bond geometry as shown.

RE.CNT 11 THERE ARE 11 CITED REFERENCES AVAILABLE FOR THIS RECORD ALL CITATIONS AVAILABLE IN THE RE FORMAT

L8 ANSWER 4 OF 4 HCAPLUS COPYRIGHT 2010 ACS on STN

 ${
m TI}$ Reagents and methods for preparing lipopolysaccharides antagonist B1287 and stereoisomers thereof for treatment of various forms of septic shock ${
m GI}$

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB The present invention provides methods for preparing lipopolysaccharides (LPS) antagonist lipo-disaccharide B1287 and stereoisomers thereof, which compds. are useful as in the prophylactic and affirmative treatment of endotoxemia including sepsis, septicemia and various forms of septic shock (no biol. data). Also provided are synthetic intermediates useful for implementing the inventive methods. Thus, lipo-disaccharide B1287 I was prepared for treatment of various forms of septic shock.

AN 2004:718552 HCAPLUS <<LOGINID::20101022>>

DN 141:225771

TI Reagents and methods for preparing lipopolysaccharides antagonist B1287 and stereoisomers thereof for treatment of various forms of septic shock

IN Fan, Rulin

PA Eisai Co, Ltd., Japan

SO PCT Int. Appl., 175 pp.

CODEN: PIXXD2

DT Patent

LA English

FAN.CNT 1

r AN.	PATENT NO.				KIND DATE			APPLICATION NO.					DATE					
ΡI		2004074303 2004074303			A2 20040902 A3 20041229			WO 2004-US4921						20040218				
	,,,	W:	AE, CN,	AG, CO,	CR,	AM, CU,	AT, CZ,	AU, DE, ID,	AZ, DK,	DM,	DZ,	EC,	EE,	EG,	ES,	FI,	GB,	GD,
		RW:	BW, BG,	GH, CH,	GM, CY,	KE, CZ,	LS, DE,	LV, MW, DK, SI,	MZ, EE,	SD, ES,	SL, FI,	SZ, FR,	TZ, GB,	UG, GR,	ZM, HU,	ZW, IE,	AT, IT,	BE, LU,
PRAI	US US	GQ, GW, ML, 2006518394 20060160999 2003-448839P 2004-US4921			MR, T	NE,		TD, 0810 0720 0220	TG	JP 2	006-	5037:	10	01,	2	0040:	218	

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT

OS CASREACT 141:225771; MARPAT 141:225771

IT 748165-24-4P 748165-25-5P

RL: IMF (Industrial manufacture); RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(reagents and methods for preparing lipopolysaccharides antagonist b and stereoisomers thereof for treatment of various forms of septic shock)

RN 748165-24-4 HCAPLUS

CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl

3-O-decyl-2-deoxy-2-[(1,3-dioxotetradecyl)amino]- (CA INDEX NAME)

Absolute stereochemistry. Double bond geometry as shown.

Me (CH₂)₁₀
$$\stackrel{\text{H}}{\underset{\text{N}}{\bigvee}}$$
 $\stackrel{\text{N}}{\underset{\text{N}}{\bigvee}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{\text{N}}}$ $\stackrel{\text{N}}{\underset{\text{N}}$ $\stackrel{\text{N}}{\underset{\text{N}}}$ $\stackrel{\text{N}}{\underset{\text{N}}}$ $\stackrel{\text{N}}{\underset{\text{N}}$ $\stackrel{\text{N}}{\underset{\text{N}}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N}}$ $\stackrel{\text{N}}{\underset{N$

RN 748165-25-5 HCAPLUS

CN α -D-Glucopyranoside, (1Z)-1-propen-1-yl 3-O-decyl-2-deoxy-6-O-[(1,1-dimethylethyl)dimethylsilyl]-2-[(1,3-dioxotetradecyl)amino]- (CA INDEX NAME)

Absolute stereochemistry.
Double bond geometry as shown.

Me (CH₂)₁₀
$$\stackrel{H}{\underset{N}{\bigvee}}$$
 $\stackrel{H}{\underset{N}{\bigvee}}$ $\stackrel{N}{\underset{N}{\bigvee}}$ $\stackrel{N}{\underset{N}{\bigvee}}$

OSC.G 2 THERE ARE 2 CAPLUS RECORDS THAT CITE THIS RECORD (3 CITINGS)

RE.CNT 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD

ALL CITATIONS AVAILABLE IN THE RE FORMAT